



State of Connecticut
Department of Environmental Protection
Boating Division
Navigation Safety/Boating Access Unit
P.O. Box 280, 333 Ferry Road
Old Lyme, CT 06371-0280

MARKER PERMIT APPLICATION INSTRUCTIONS

The attached application provides clear instructions that must be followed. Also provided are sample diagrams and some information about markers (buoys and beacons). Please ensure that your diagram is neat and accurate, i.e. using magnetic bearings and distances to fixed shore objects or reference points. Latitude and longitude coordinates may be used only on Long Island Sound for markers placed far from shore.

In addition, we advise you not to purchase any markers until after consultation with Staff. If you already have markers out, it is imperative that you submit this application as soon as possible to avoid any law enforcement involvement, as all markers are required to be permitted under State law.

Please note that the Chief Executive Authority of the Town is the First Selectman, Town Manager, Mayor or their designee, i.e. another Town official or a Lake Authority. Once we receive your completed application, we will review it and contact you to arrange for a field inspection.

We thank you for your cooperation in this matter and if you have any questions, please do not hesitate to call us at (860) 434-8638.



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MARKER PERMIT APPLICATION

Type of Marker (check one):

- Regulatory:** ☐ **Swim Area**
☐ **Speed Zone**
☐ **Danger/Hazard**
☐ **Information**
- Navigation:** ☐

Section 15-121-A5 of the Regulations of Connecticut State Agencies states in part: (a) No person shall place any regulatory or navigational marker except as authorized. (b) Any town desiring to place any type of marker in waters within its jurisdiction shall apply to the Commissioner for authorization. (c) Any person desiring to place any type of marker shall apply to the Commissioner for authorization after having obtained signed approval from the chief executive authority of the town or designated lake authority in which said marker will be placed. (d) Applications for any such authorization shall be made on forms provided by the Commissioner. A detailed map or drawing to a scale which readily depicts the marked area and its surroundings and shows the proposed location of each marker and its relation to nearby shores, channels and water traffic patterns shall accompany the application.

(e) Criteria for authorization shall include:

- (1) Signed approval from the chief executive authority of the town or designated lake authority in which said markers will be placed;
- (2) completeness, accuracy and detail of the application form;
- (3) demonstrated need for the proposed markers;
- (4) public safety considerations;
- (5) environmental impact considerations;
- (6) review for possible conflicts with various water use groups;
- (7) visibility and durability of proposed markers;
- (8) conformity with existing authorizations; and
- (9) consistency with federal, state and local law.

The Commissioner may impose whatever conditions he deems necessary regarding an application for placement of markers. If authorization from the Commissioner has been granted, said markers shall be deemed lawfully placed, provided said markers are placed subject to any conditions set forth therein and in the manner specified by the authorization. If the Commissioner finds authorized markers to be an obstruction or menace to navigation or a hindrance to public use of the waters, he may revoke the authorization regarding their placement.

Date of Application: _____

Name: _____ **Phone (Home):** (____) _____

Title: _____ **Phone (Work):** (____) _____

Address: _____

Affiliation: _____

Town where markers are to be located: _____

Body of water (i.e. lake, pond, river, etc.): _____

1. Dimensions, type and number of markers/buoys.
2. Compass bearings and distances from fixed shore objects to the buoy(s).
3. Depth of water in the area.
4. Adjoining property boundaries.
5. Location of nearby channels and water traffic patterns.

If more space is required to complete this application, you may attach additional sheets. ***Incomplete or sloppy applications and diagrams will be returned to the applicant. If you have any questions, please call the Navigation Safety/Boating Access Unit at (860) 434-8638.***

COMPLETE BOTH PAGES OF THE APPLICATION and RETURN IT TO THE:

Navigation Safety/Boating Access Unit
D.E.P. Boating Division
333 Ferry Road, P.O. Box 280
Old Lyme, CT 06371

CHIEF EXECUTIVE AUTHORITY APPROVAL:

This application requires approval from the Chief Executive Authority (CEA) of the town where the waterbody and markers are located. The CEA is the First Selectman, Town Manager, Mayor or their designee (i.e. another town official or a Lake Authority).

Name (print): _____ **Signature:** _____

Title: _____ **Date:** _____

Town or Lake Authority:

DO NOT WRITE BELOW THIS LINE - D.E.P. OFFICIAL USE ONLY

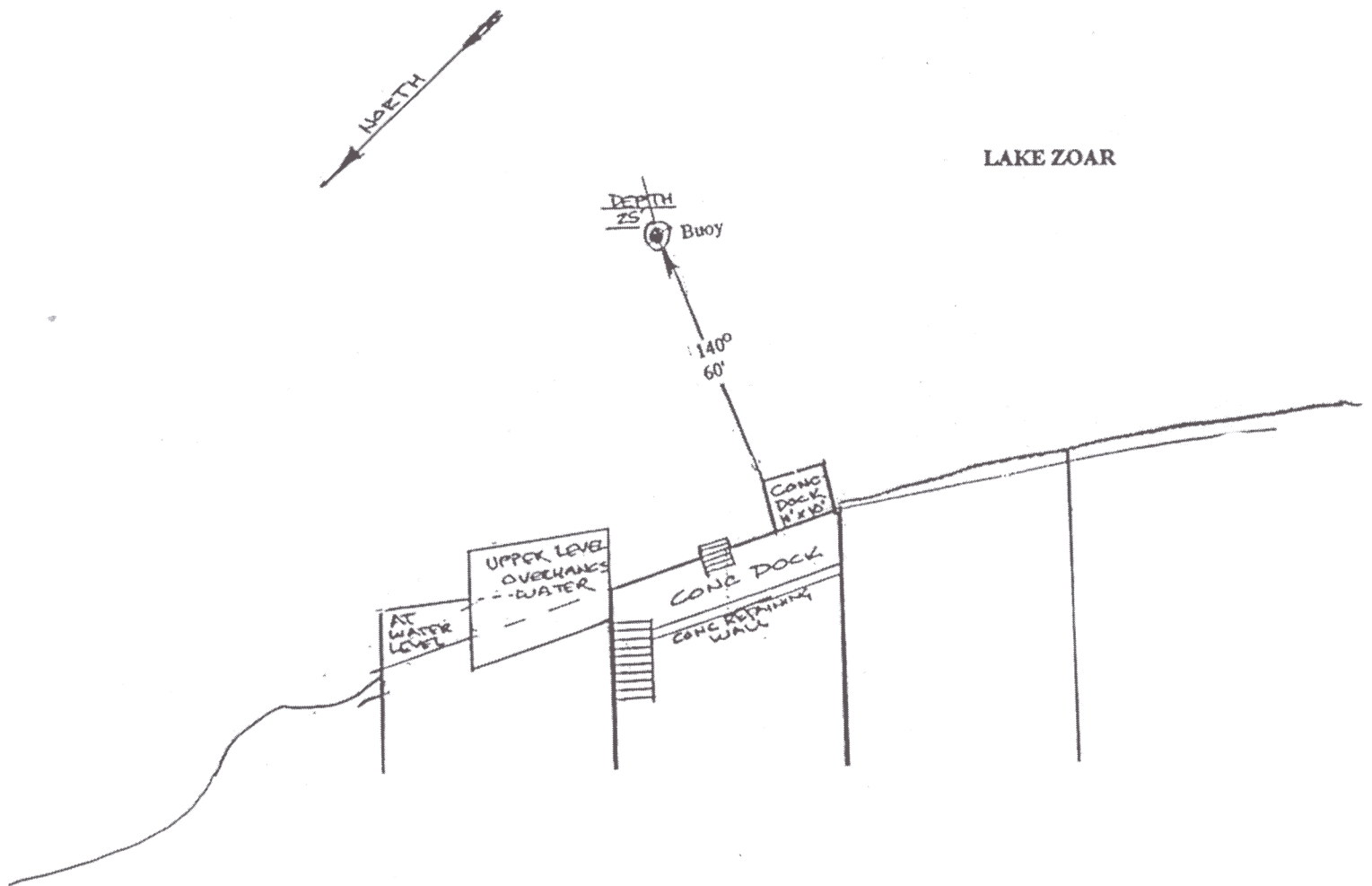
Agency Investigator: _____ **Date:** _____

Title: _____ **Application Approved: YES NO**

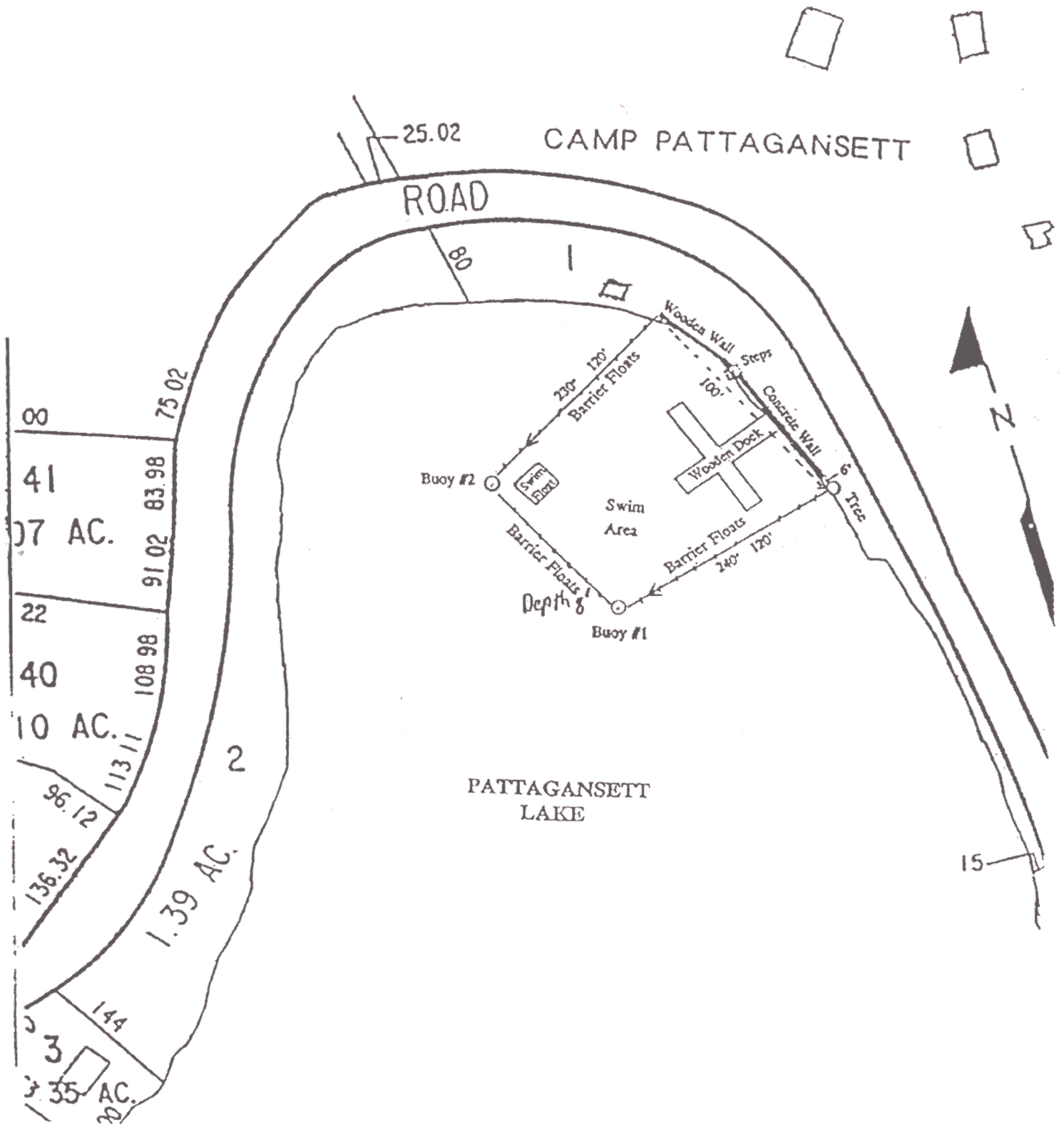
Comments: _____

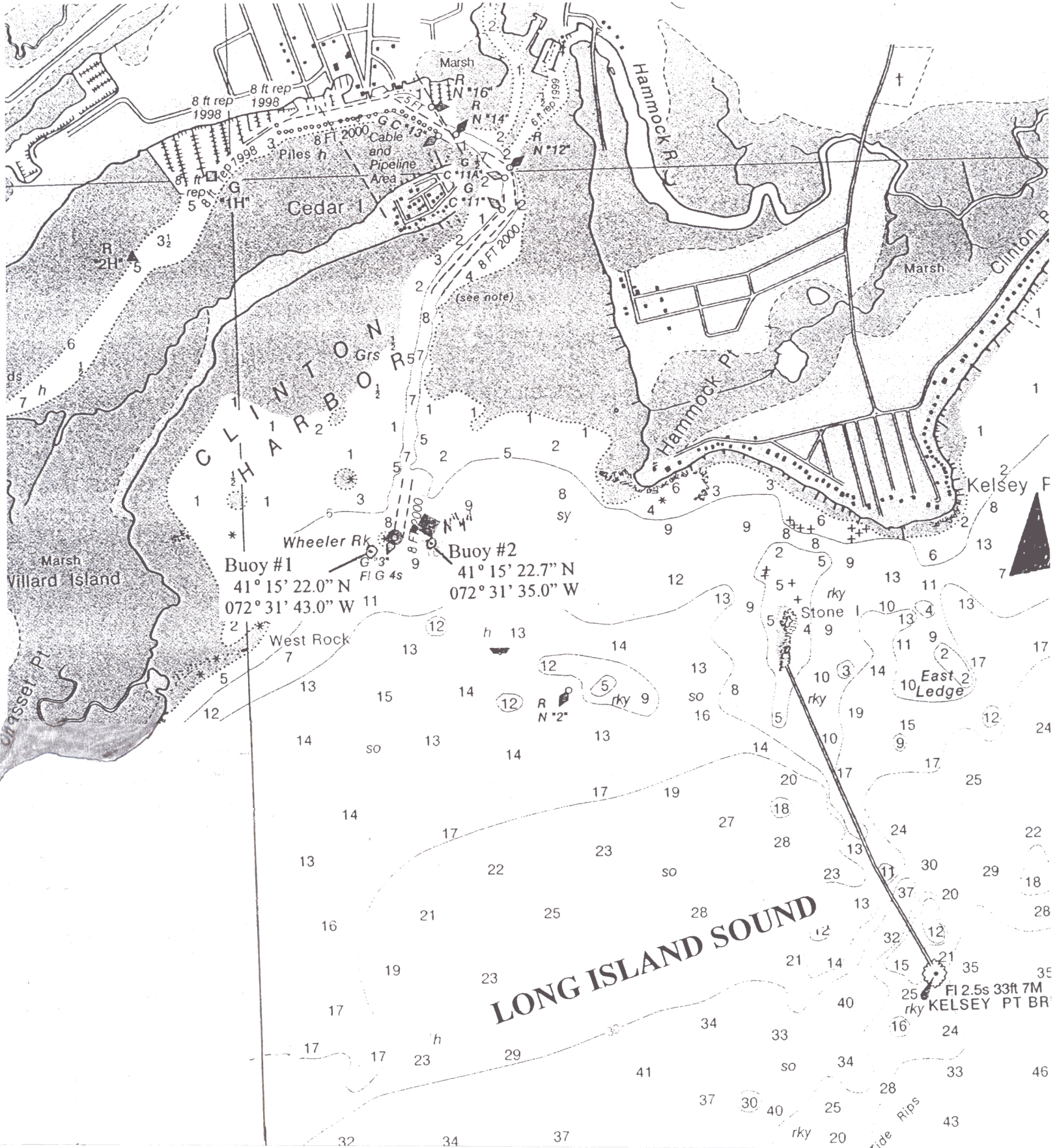
SAMPLE DIAGRAM

NOT TO SCALE
ALL BEARINGS ARE MAGNETIC



SAMPLE DIAGRAM





SAMPLE DIAGRAM



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ADDITIONAL PERMIT CONTACTS
(As Required)

U.S. Army Engineer Division

New England District Corps
Regulatory Division
696 Virginia Road
Concord, MA 01742-2751
(978) 318-8168

Northeast Generation Services

143 West Street Ext. – Suite E
New Milford, CT 06776
(860) 354-8840
(for Lake Lillinonah, Lake Zoar and
Candlewood Lake)

U.S. Coast Guard

First Coast Guard District
Private Aids to Navigation
408 Atlantic Avenue
Boston, MA 02110-2209
(617) 223-8358

U.S. Coast Guard

Group L.I.S. – Aids to Navigation
120 Woodward Avenue
New Haven, CT 06512
(203) 468-4510

Connecticut DEP

Office of Long Island Sound Programs

79 Elm Street, Third Floor
Hartford, CT 06106-5127
(860) 424-3034



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REGULATORY MARKER SIZE & INFORMATION

BUOYS

Lakes and Ponds

Recommended = 12 inch diameter

Minimum = 9 inch diameter

Long Island Sound and Tidally Influenced Waters

Recommended = collar type with 14 to 16 inch diameter barrel

Minimum = 12 inch diameter

Buoys shall be made of Ionomer foam or equivalent, or Acrylonitrile-butadiene-styrene (ABS) or equivalent, filled with polyurethane foam or equivalent and shall have sufficient ballast to maintain proper stability and exposure above the surface of the water. The buoys shall be white with a one (1") to three inch (3") white or silver reflective band at the top together with a three inch (3") international orange reflective band at the top directly under the white or silver reflective band and another near the bottom but above the waterline. In addition, an international orange regulatory symbol and the required wording in black, block lettering at least three inches (3") in height shall be centered on two (2) sides of each buoy. The permit number, when issued, must be sized to fit and placed on the top flat portion of each buoy in indelible ink or black vinyl stick-on letters.

BARRIER FLOATS

Lakes and Ponds

Minimum = 5 inch diameter

Long Island Sound and Tidally Influenced Waters

Minimum = 7 inch diameter

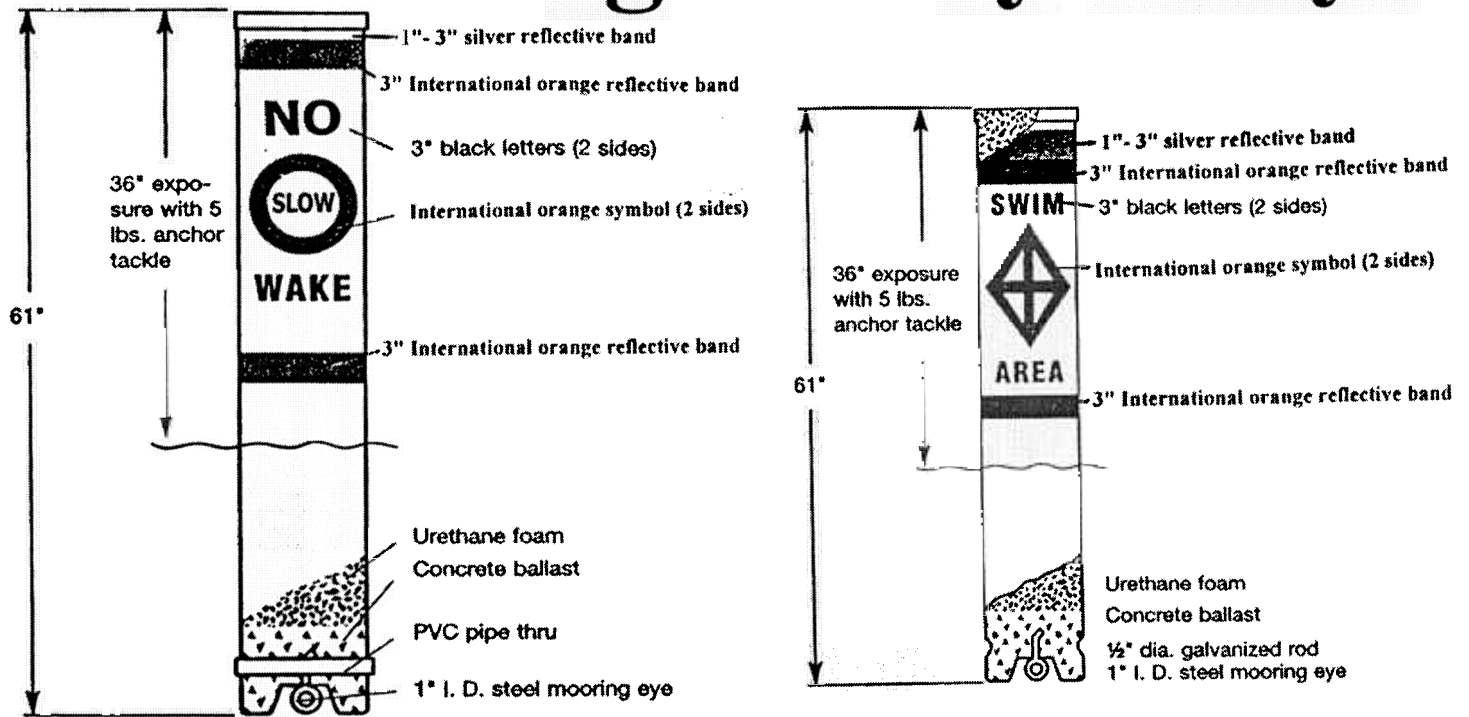
Barrier floats shall be ABS foam filled devices or equivalent, international orange in color and attached to one another by the use of nylon or polypropylene rope.




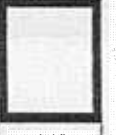
NOTE: The use of steel cable on barrier floats and/or buoys is prohibited.

BEACONS (SIGNS)

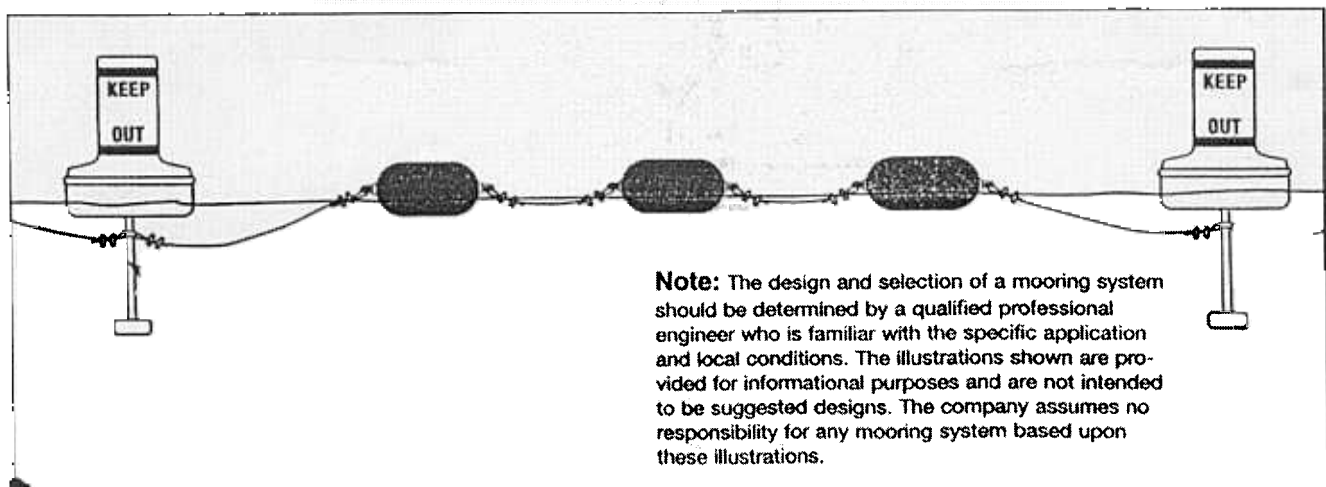
Beacons shall be four foot (4') by four foot (4') and made of eighty (.080) gauge aluminum or polymer of hard plastic equivalent at least three (3) mills thick, or three-quarter inch (3/4") marine grade plywood. They shall be reflective white with an international orange reflective band of at least three inches (3") in width forming the outer boarder. In addition, an international orange regulatory symbol and the required wording in black, block lettering at least three inches (3") in height shall be centered on each beacon.

Regulatory Buoys

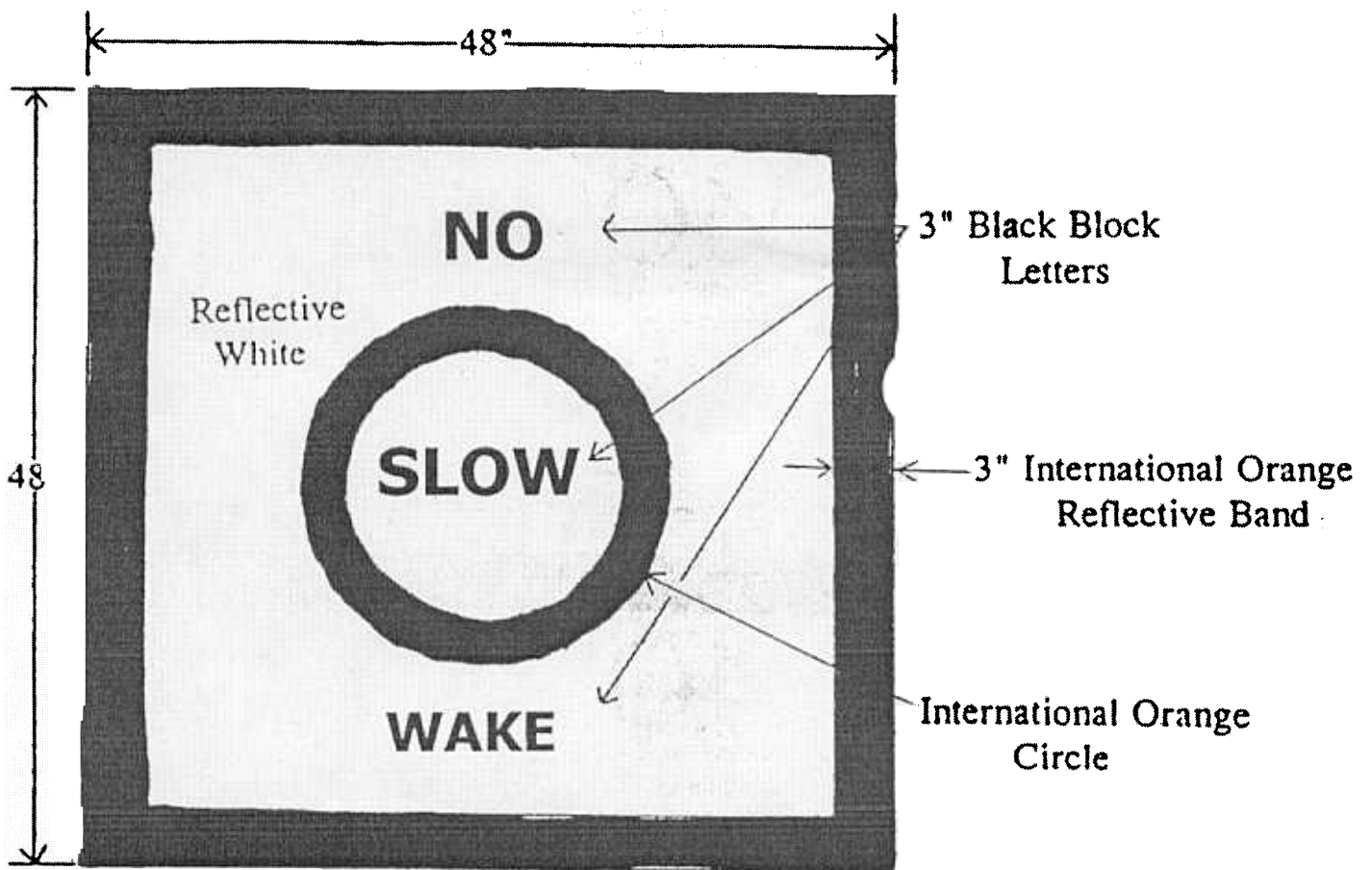


| STANDARD INLAND WATERWAY SYMBOLS AND MESSAGES | CONTROLLED AREA SYMBOL | HAZARD WARNING SYMBOL | RESTRICTED AREA SYMBOL | INFORMATION SYMBOL |
|--|--|---|--|---|
| Special messages are available. Request a quotation. |  12" 2" band width |  14" 11" 2" band width |  14" 11" 2" band width |  14" 11" 2" band width |
| | | STANDARD MESSAGES ROCK DANGER RAPIDS SHOAL STUMP SHALLOW AREA HAZARD AREA DANGER DAM | STANDARD MESSAGES SWIM AREA KEEP OUT NO BOATS BOATS KEEP OUT CLOSED AREA NO BOATING DANGER DAM | STANDARD MESSAGES REST ROOM 1 MILE STATE PARK AHEAD MARINA ENTRANCE FISH ATTRACTOR |

Typical Barrier Float System



SAMPLE BEACON



MARKER BUOY VENDORS

INFORMATION SHEET

The manufacturers listed below produce buoys that meet the requirements of the Department of Environmental Protection. Neither the State nor this Unit recommends or endorses any of these products and/or manufacturers. This list is provided as an information sheet only.

VENDORS

Automatic Power, Inc/Pharos Marine

P.O. Box 230738
Houston TX 77223-0738
(713) 228-5208
(713) 228-3717 FAX
www.automaticpower.com

Cal-June Incorporated/Jim Buoy

5238 Vineland Avenue
Hollywood CA 91601
(818) 761-3516
(818) 761-3165 FAX
www.JimBuoy.com

CURD Enterprises Inc. – Multiplastics

476 Long Point Road
Mount Pleasant SC 29464-8206
(843) 881-0323
(843) 881-0655 FAX
www.multiplastics.com

Gilman Corporation

P.O. Box 68
Gilman CT 06336
(860) 887-7080
(860) 886-5402 FAX
www.gilmancorp.com

Rolyan Ability One, Inc

P.O. Box 578
Germantown WI 53022
(888) 269-2869 or (262) 251-7840
(262) 253-6039 FAX
www.RolyanBuoys.com

Rotonics Manufacturing, Inc.

17022 South Figueroa Street
Gardena CA 90248
(310) 327-5401
(310) 323-9567 FAX
www.rotonics.com

Walsh Marine Buoys

2735 North Calhoun Road
Brookfield WI
(262) 797-9888
(262) 767-9910 FAX
www.walshmarineproducts.com

Watermark Navigation Systems

29 Gilford East Drive
Gilford NH 03249
(603) 524-6066 or (888) 628-2869
(603) 524-8100 FAX
www.navbuoy.com

It is advisable to contact the manufacturer directly for local distributors or ask your local marine or chandlery if they handle buoys that meet the Commissioner's requirements. See "Regulatory Marker Size and Information" sheet. It is also advisable to inform them that the buoys are to be used in Connecticut and require a three-inch (3") international orange reflective bands top and bottom and a 1" – 3" silver reflective band at the top above the orange band. The lettering must be three-inch (3") black block letters or larger.

The minimum size requirements listed on a separate page must be met. If the markers do not conform to the requirements in the permit, they may be considered hazards to navigation and ordered removed. Please call us at (860) 434-8638 if you have any questions.